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LED1 POLARITY			LED2 POLARITY		
PIN 9	PIN 10	COLOR	PIN 11	PIN 12	COLOR
+	-	GREEN	+	-	GREEN
-	+	ORANGE	-	+	ORANGE

RoHS



SCHEMATIC

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TX	1CT : 1
RX	1CT : 1

CL @ 100kHz/100mVRMS

8mA DC BIAS (0°C - 70°C)	350μH MIN.
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INS. LOSS

1MHZ TO 100MHZ	-1.1 dB MAX
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RET. LOSS (MIN) @ 100ΩHMS ±15%

1MHZ-30MHZ	-18 dB
30MHZ-60MHZ	-18+20LOG(F/30MHZ) dB
60MHZ-80MHZ	-12 dB

CROSS TALK (TX - RX)

100kHz-100MHZ	-35 dB MIN
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CM TO CM REJ

100kHz-100MHZ	-30 dB MIN
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CM TO DM REJ

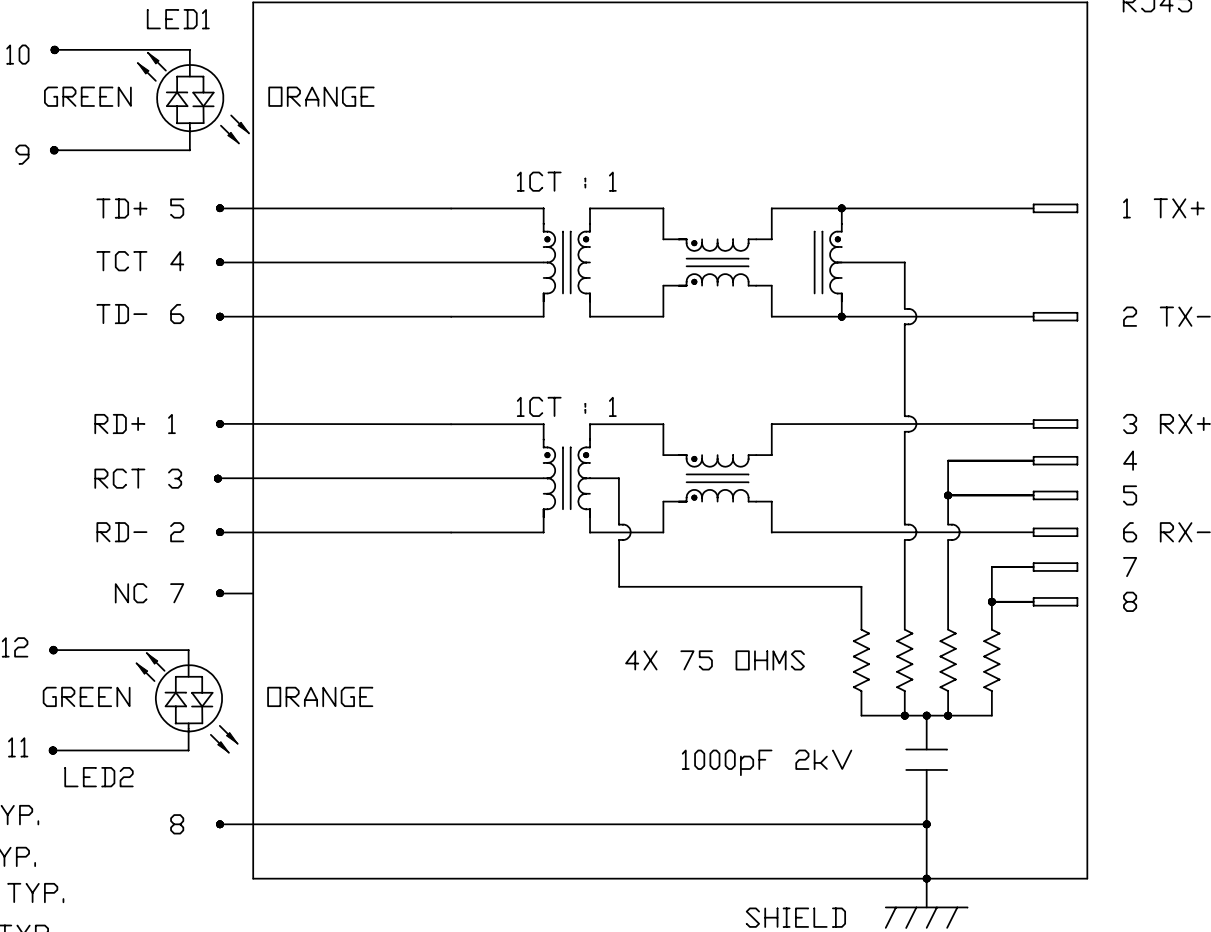
100kHz-100MHZ	-35 dB MIN
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HIPOT (Isolation Voltage): 1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.

LED 1 & 2

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		ORANGE	2.0V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		ORANGE	610nm TYP.



ORIGINATED BY DATE
CHOW WANCHUNG 2012-08-23

DRAWN BY DATE
TAN QIGUANG 2012-08-23

TITLE
1X1 MagJack® WITH LEDs
PATENTED

PART NO. / DRAWING NO.
0875-1B1T-P1

FILE NAME
0875-1B1T-P1_B.DWG

STANDARD DIM.
TOL. IN INCH

.X	
.XX	
.XXX	

[] METRIC DIM. AS REFERENCE

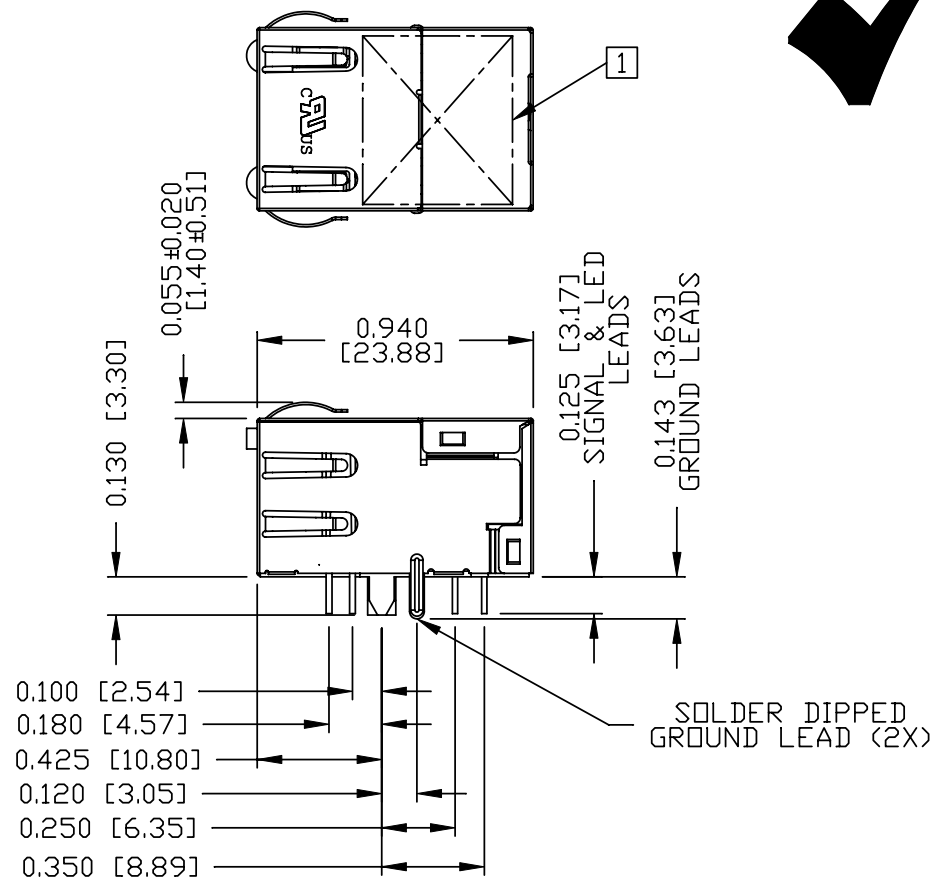
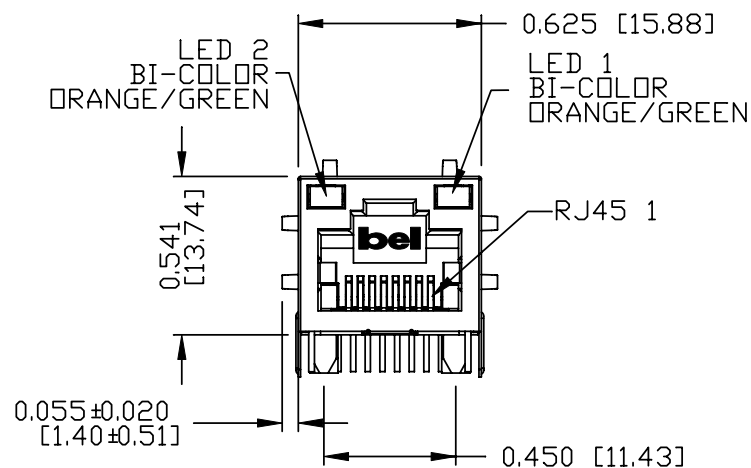
UNIT : INCH [mm]	REV. : B
SCALE : N/A	SIZE : A4
	PAGE : 2



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MECHANICAL SPECIFICATION

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NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT.
FLAMMABILITY RATING UL 94V-0
CONTACTS: 30 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
OUTPUT PINS: LEAD FREE COPPER WIRES, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

- MARK PART WITH MFG LOGO, NAME, PART NUMBER, DATE CODE AND PATENTED.
- THE PRODUCT IS RoHS COMPLIANT.

UL US UL RECOGNIZED - FILE #E196366 AND E169987.
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
3. THE PRODUCT IS PATENTED. THE PATENT NUMBER ARE U.S. PAT. 5,736,910 AND U.S.PAT. 6,840,817.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
ANTON LIAO	2012-08-23	1X1 MagJack ® WITH LEDs PATENTED	0875-1B1T-P1	.X	UNIT : INCH [mm] REV. : B
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
HE ZHEN	2012-08-23		0875-1B1T-P1_B.DWG	.XXX ±0.010	PAGE : 3



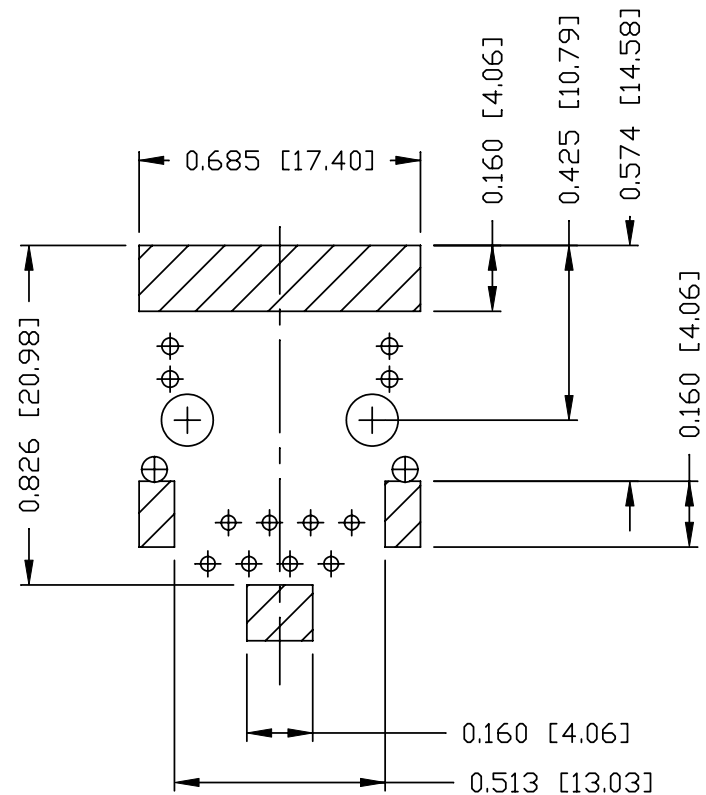
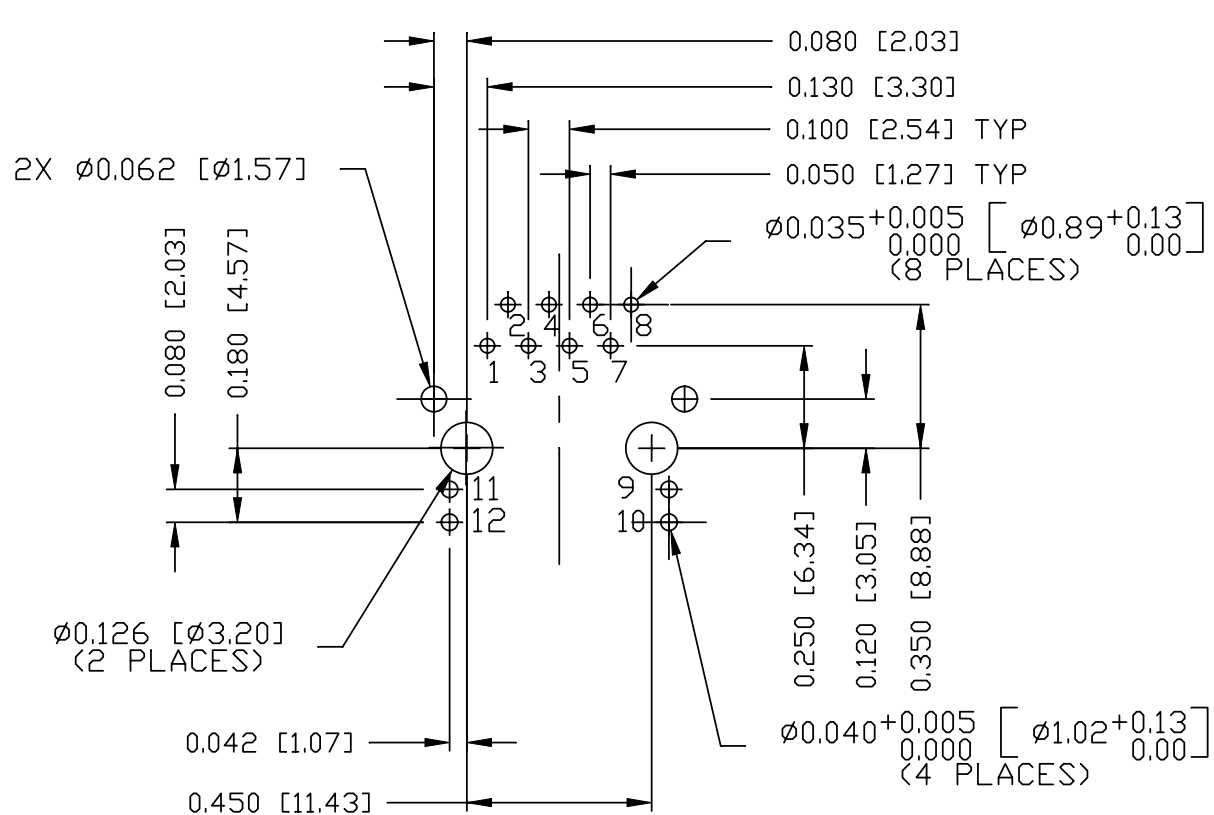
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RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW



NOTE:

THE SHADED AREA ON THE CUSTOMER BOARD ARE
RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR
COMPONENT PAD.

ORIGINATED BY ANTON LIAO	DATE 2012-08-23	TITLE 1X1 MagJack® WITH LEDs PATENTED	PART NO. / DRAWING NO. 0875-1B1T-P1		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 
DRAWN BY HE ZHEN	DATE 2012-08-23		FILE NAME 0875-1B1T-P1_B.DWG	.X		UNIT : INCH [mm]		REV. : B	
				.XX		SCALE : N/A		SIZE : A4	
				.XXX	±0.004		PAGE : 4		

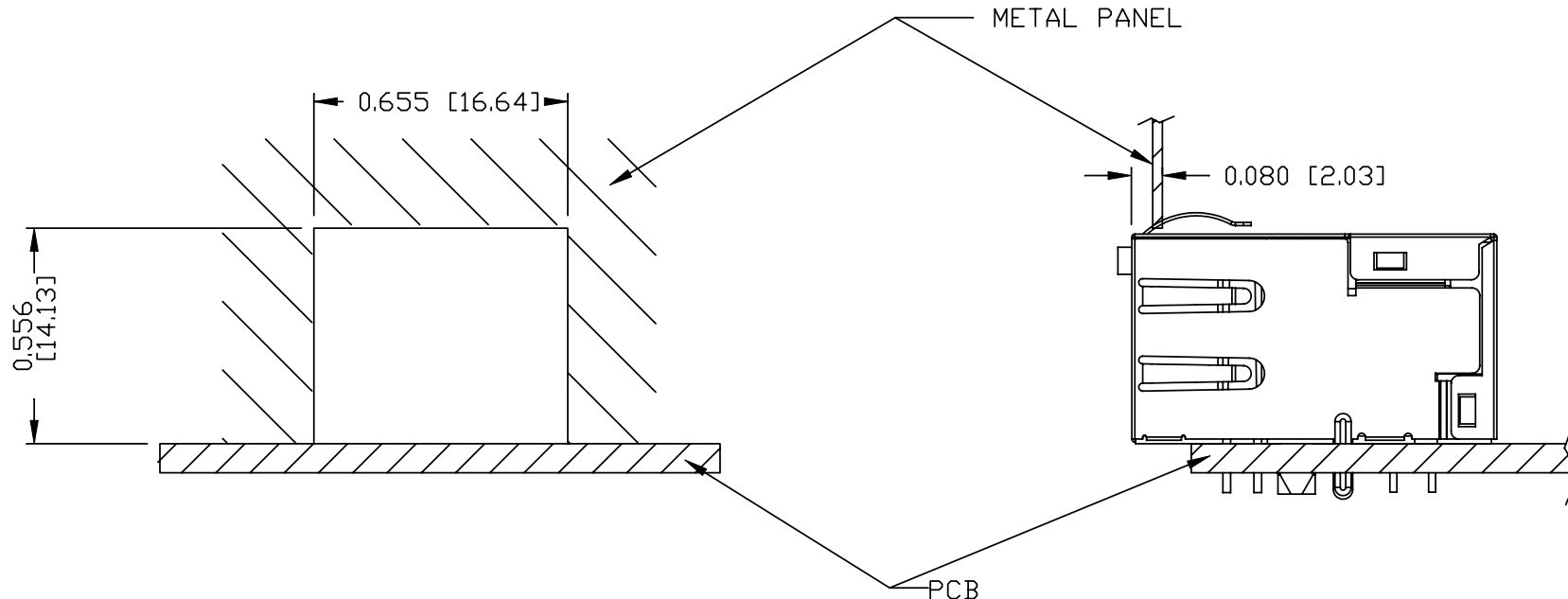


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SUGGESTED PANEL OPENING



NOTES:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION



PACKING TRAY : 0200-9999-H7 (TOP)

0200-9999-H8 (BOTTOM)

PACKING QUANTITY : 60 PCS FINISHED GOODS PER TRAY

10 TRAYS (600 PCS FINISHED GOODS) PER CARTON BOX

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS-ON-A-PLANET	
ANTON LIAO	2012-08-23			TOL. IN INCH		UNIT : INCH [mm]	REV. : B		
DRAWN BY	DATE			FILE NAME	.X		SCALE : N/A		SIZE : A4
					.XX				
HE ZHEN	2012-08-23	0875-1B1T-P1_B.DWG	.XXX	±0.004					



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